

Datasheet

CGB monoclonal antibody, clone 057-10025

Catalog Number: MAB4212

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native CGB.

Clone Name: 057-10025

Immunogen: Native purified CGB from human pregnancy urine.

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody is specific to intact hCG and its beta subunit. Does not cross react with hCG alpha subunit.

Form: Liquid

Isotype: IgG1, kappa

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM phosphate buffer, pH 7.4 (150 mM NaCl, 0.1% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1082

Gene Symbol: CGB

Gene Alias: CGB3, hCGB

Gene Summary: This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq]